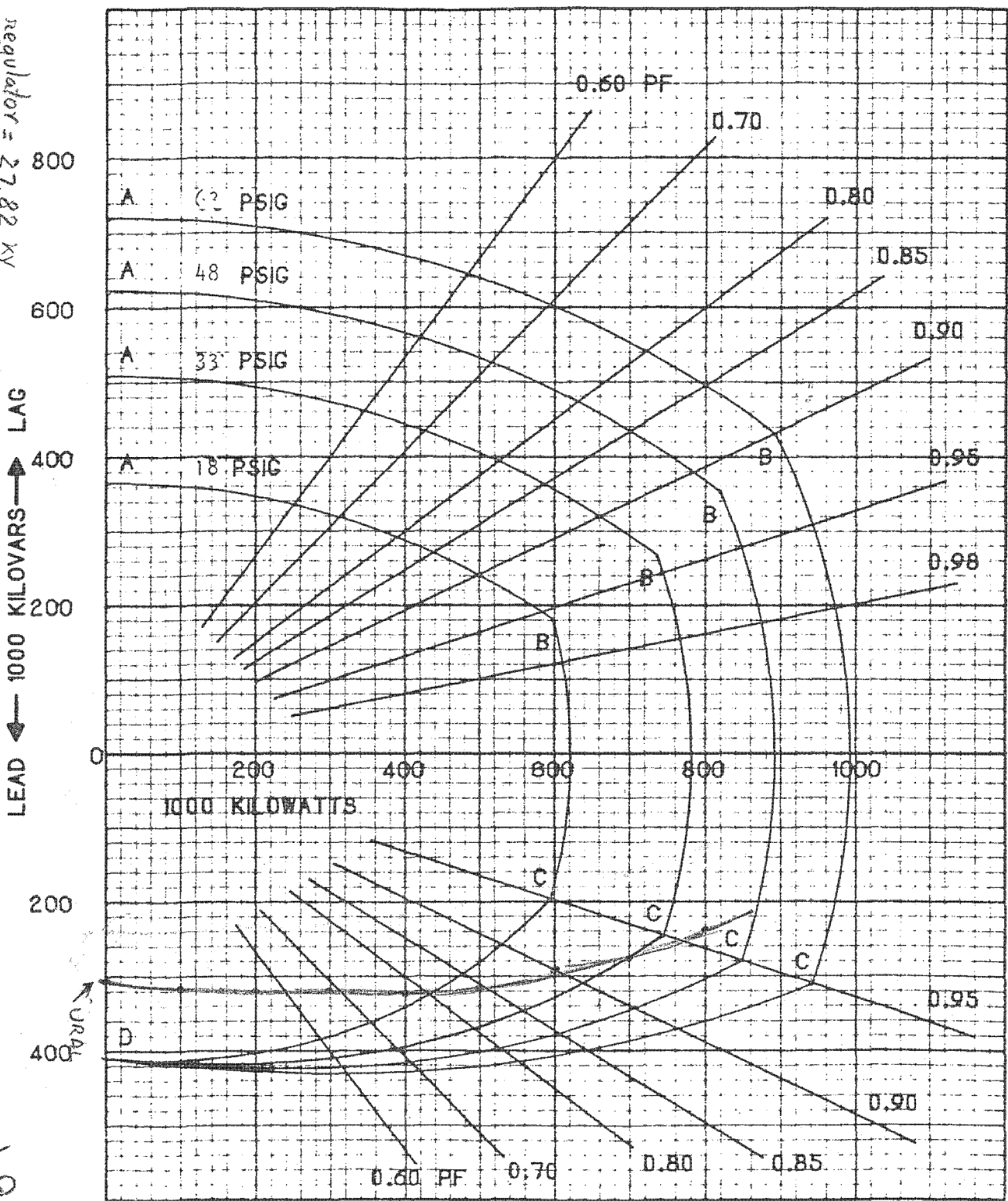


Over excited

V/Hz regulator = 27.82 kV
V/Hz alarm = 28.34 kV
V/Hz trip = 28.60 kV

MAIN GENERATOR

ATB 2 POLE. 991,000 KVA. 3600 RPM. 26000 VOLTS
.90 PF. .58 SCR. 63 PSIG HYDROGEN PRESSURE. 585 VOLTS EXCITATION



CURVE AB LIMITED BY FIELD HEATING
CURVE BC LIMITED BY ARMATURE HEATING
CURVE CD LIMITED BY ARMATURE CORE END HEATING

MAIN GENERATOR

Estimated Capability Curves
Dwg. 474HA503 (rev. 3)

Fig. 17-3

Under Excited